



MIXING DRILLING ADDITIVES PROCEDURE

Reference #:	Revision:	Approval Date:	Author	Media	Page:
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PPE Required: Hard hat, ear plugs, or muffs, safety glasses, gloves, steel toe boots, reflective clothing, masks, goggles.

READ LABEL OR SDS TO DETERMINE PPE REQUIREMENTS

Step 1. Ensure water level is 1/3 to 3/4 in the tank. (Applies to mixing in top or bottom tank)

Step 2. The driller will turn on the hydraulic mixer when he is going to pull out the innertube

Step 3. The helper will mix the type of mud and quantity according to the drillers directions.

Step 4. When mixing powder polymer, use a cup to sprinkle it in near the mixer into the whirl pool swirl. When mixing liquid mud, shake the pail to mix the product then begin to slowly pour the desired amount near the mixer ensuring it mixes properly.

Mixing dry polymer fast will create clumps of polymer that will plug supply pump and cause major issues!

Step 5. Immediately clean up any spills on the floor and install lids / caps on additive pails.

Hazards:

Water and/or additives splashing up into face and eyes

Slipping on platform where drilling additives may have spilled

Wind blowing dry polymer into eyes

Mixing dry additives too fast and clogging the suction.

Control:

Guards, SWP/SJP, training, policies, PPE, housekeeping, WHMIS, Proper lighting.

DO'S

Replace lids & caps after using mud

Store Additives in a dry place

Mix Polymer while pulling inner tube

DON'TS

Let additives spill all over the floor/ground

Dump additives in too fast.

Touch hydraulic mixer hoses when drill is on.

Author	Description of version changes (Control of changes):	Revision Control:	Date:
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